

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-48. (Canceled)

49. (Currently Amended) A method for screening for a one or more candidate molecules that modify beta-amyloid precursor protein processing by bind[[s]]ing to a protein complex comprising SEQ ID NO: 10 and SEQ ID NO: 15, [[:]]

(a) ~~—"HDAC1" (SEQ ID No:10); and~~

(b) ~~—"SWI/SNF COMPLEX 60 KDA SUBUNIT" (SEQ ID No:15);~~

[[the]]said method comprising the steps of:

(a) exposing the complex comprising SEQ ID NO: 10 and SEQ ID NO: 15, or a cell or organism [[containing]] expressing the complex, to the one or more candidate molecules; [[and]]

(b) determining whether the one or more candidate molecules is/are bound to the complex; and

(c) determining whether beta-amyloid precursor protein processing of a substrate to the complex is modified in the presence of the one or more candidate molecules.

50. (Previously Presented) The method of claim 49, wherein the method is for screening for a molecule that modulates directly or indirectly the function, activity, composition, or formation of the complex.

51. (Currently Amended) The method of claim 49, wherein the ~~determining step~~ method comprises:

(a) isolating the complex from the cell or organism to produce [[the]] an isolated complex or protein component;

- (b) contacting the isolated complex or protein component with a the substrate of the complex in the presence or absence of a the one or more candidate molecules; and
- (c) determining whether processing of the substrate is modified in the presence of the one or more candidate molecules.

52. (Previously Presented) The method of claim 49, wherein the method is for screening for a drug useful in treating or preventing a disease or disorder such as neurodegenerative diseases such as Alzheimer's disease.

53. (Previously Presented) The method of claim 50, wherein the method is for screening a molecule that modulates the apoptotic activity of the complex.

54. (Currently Amended) The method of claim 50, further comprising mixing the an identified molecule with a pharmaceutically acceptable carrier.

55-56. (Canceled)